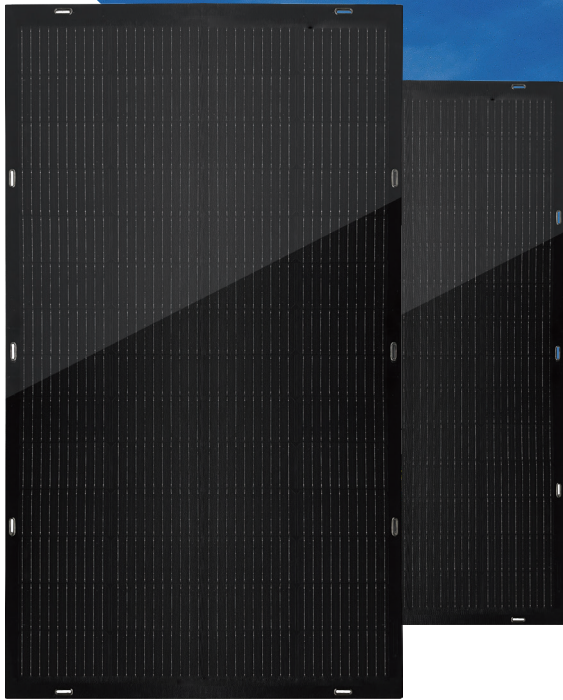




Loada Solar



Flexible

400-410W

Flexible Solar Panel



Light Weight

Frameless, Glass free



Flexibility

Special manufacturing process and materials provide bending ability



Aesthetic Appearance

Half cell design, High Consistency



Easy Installation

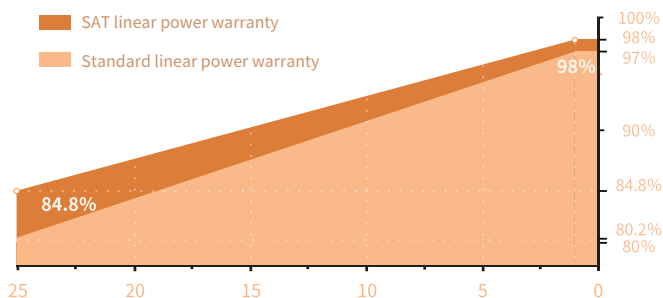
Light weight, easy for handling



Customized

Provide Customized Service

Linear Performance Warranty



Quality system: ISO 9001: 2015



Linear power warranty

25 YEAR Linear Power Warranty

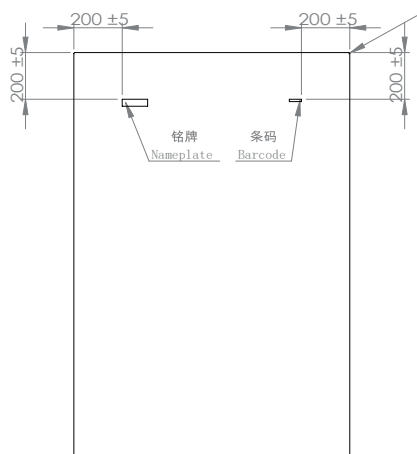
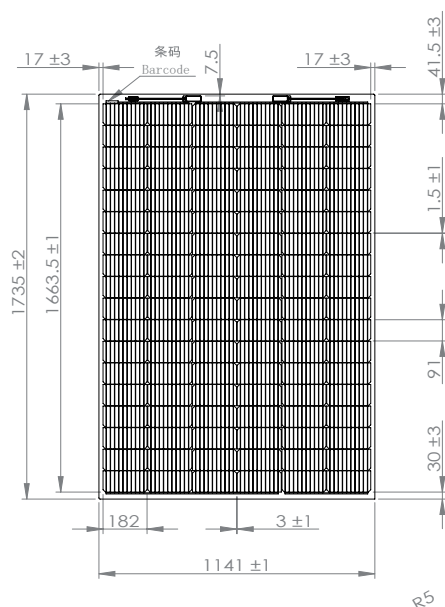
12 YEAR Product Warranty

Lorem ipsum

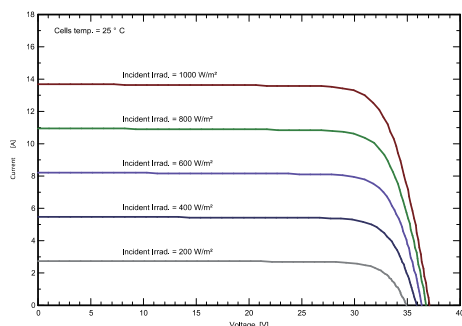


Loada Solar

Characteristics



I-V Curve



Electrical Characteristics(STC)

ITEM	SAT-400-F8MC	SAT-405-F8MC	SAT-410-F8MC
Maximum Power (Pmax)	400W	405W	410W
Maximum Power Voltage(Vmp)	30.70V	30.84V	30.91V
Maximum Power Current(Imp)	13.03A	13.16A	13.29A
Open-circuit Voltage(Voc)	37.10V	37.16V	37.26V
Short-circuit Current(Isc)	13.66A	13.81A	13.93A
Module Efficiency(%)	20.21%	20.46%	20.71%
Operating Temperature	-40 C to 85 C		
Maximum System Voltage	1500VDC		
Maximum Series Fuse Rating	20A		
Application Class	Class A		
Power Tolerance	0~+5 W		
STC:Irradiance 1000W/m ² , module temperature 25 C , AM=1.5			

Mechanical Characteristics

Solar Cell	Monocrystalline silicon cell
Cell Size	182×91mm
No. of cells	108(18*2*3)
Module Dimensions	L:1735*W:1141*H:3 mm L:1735*W:1141*H:18 mm(J-Box included)
Weight	6.1kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm²
Cable length	(+)/(-) 500 mm
Connector	MC4 compatible

Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	41 ± 2 C
Temperature Coefficient of Pmax	-0.38%/C
Temperature Coefficient of Voc	-0.28%/C
Temperature Coefficient of Isc	0.020%/C

Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	420	1820

LOADA-SOLAR Von Quantums GmbH

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